

01/28/02

01-28-02

| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. AFD 443 | |
|--|--|--|----------------|
| (Only for new non-provisional applications under 37 C.F.R. § 1.53(b)) | | First Inventor or Application Identifier James B.Y. Tsui | |
| | | Title DOWNCONVERT AND AVERAGE IDENTIFICATION OF BIPHASE CODED SIGNAL CARRIER | |
| | | Express Mail Label No. | |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | |
| 1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 2. <input type="checkbox"/> Applicant claims small entity status (See 37 CFR 1.27) | | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 14] (Preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Detailed Description - Claim(s) - Abstract of the Disclosure | | a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4] | | ACCOMPANYING APPLICATION PARTS | |
| 5. Oath or Declaration [Total Pages 1] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 1.373(b) Statement <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | | |
| 18. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation in Part (CIP) of prior application No: _____ Prior application information: Examiner _____ Group / Art Unit _____ For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | |
| CORRESPONDENCE ADDRESS | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | or <input type="checkbox"/> Correspondence address below | |
| (Insert Customer Number or Bar Code label here) | | | |
| Name | GERALD B. HOLLINS | | |
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| | | | |
|---------------------|-------------------|-------------------------------------|------------|
| Name (Print / Type) | GERALD B. HOLLINS | Registration No. (Attorney / Agent) | 25,452 |
| Signature | Gerald B Hollins | Date | 7 Jan 2002 |

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$ 740.00

Application Number

Filing Date

First Named Inventor

James B.Y. Tsui

Examiner Name

Group Art Unit

Attorney Docket Number

AFD 443

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account
Number

AF 01-0465

Deposit Account
Name

Department of the Air Force

- ☒ Charge Any Additional Fee Required under 37 CFR 1.16 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Lge Entity Fee Code | Lge Entity Fee (\$) | Sm. Entity Fee Code | Sm. Entity Fee (\$) | Fee Description | Fee Paid |
|------------------------|------------------------|------------------------|------------------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility Filing Fee | 740 |
| 106 | 330 | 206 | 165 | Design Filing Fee | |
| 107 | 510 | 207 | 255 | Plant Filing Fee | |
| 108 | 740 | 208 | 370 | Reissue Filing Fee | |
| 114 | 160 | 214 | 80 | Provisional Filing Fee | |

SUBTOTAL (1) (\$ 740.00

2. EXTRA CLAIM FEES

| Total Claims | Extra | Fee from below | Fee Paid |
|---------------------------|------------|----------------|----------|
| 17 | - 20** = 0 | 18 | 0 |
| 3 | - 3 = 0 | 84 | 0 |
| Multiple dependent claims | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 0

** or number previously paid, if greater; For Reissues, see below

3. ADDITIONAL FEES

| Large Entity Code | Large Entity Fee (\$) | Small Entity Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-------------------------|-----------------------------|-------------------------|-----------------------------|---|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner Action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1440 | 218 | 720 | Extension for reply within fourth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Statement | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times # of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR §1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR §1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |

Other fee (specify) _____

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|--------------------------|-------------------|-------------------|--------|-----------|----------------|
| Typed or Printed Name | GERALD B. HOLLINS | Registration. No. | 25,452 | Telephone | (937) 255-2838 |
| Signature | Gerald B. Hollins | | | Date | 7 Jan 2002 |
| Typed or Printed Name | | Registration. No. | | Telephone | |
| Signature | | | | Date | |

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor James B.Y. Tsui
Title DOWNCONVERT AND AVERAGE
IDENTIFICATION OF BIPHASE CODED
SIGNAL CARRIER
Atty Docket Number AFD 443

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

7 Jan 2002
Date

Gerald B Hollins
Signature

GERALD B. HOLLINS
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 US.C. 122(b)(2)(B)(iii)).**

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